

PROTECTION OF PRINTED IMAGES FROM GASFADE

ABSTRACT OF THE DISCLOSURE

A print medium having increased resistance to gasfade. An inhibitor
5 comprising a sulfur-containing polymer is incorporated into the print medium.
The sulfur-containing polymer is poly(1,4-phenylene sulfide) or poly(1,3-
phenylene sulfide). The inhibitor is present in at least a surface of the print
medium and may be present in the print medium in a concentration from
approximately 0.25% by weight per cm² of the print medium to approximately
10 30% by weight per cm² of the print medium. A method of forming the print
medium is disclosed as is a method of producing a printed image having
increased resistance to gasfade.